



On Cost, On Schedule, Built for the Next 50 Years...

The Renovator

A Newsletter from the Pentagon Renovation & Construction Program Office
August 2004



PENREN/C is charged with transforming the 63-year old headquarters of the U.S. military into a modern, flexible and efficient work environment. PENREN/C's core mission is to provide the Pentagon Reservation with optimum Facilities and Information Technology through renovation, construction, and modernization. PENREN/C's award-winning acquisition approach and program management strategy have led to successful completion of several projects in addition to the original renovation work.

INSIDE

Wedge 2-5 Update

New Parking Areas in
North Parking Lot

Intake/Outfall Project
Complete

MEMORIAL TEAM HOSTS MEETING WITH FAMILIES TWO-DAY "DESIGN CHARETTE" BRINGS IDEAS, SOLUTIONS TO MEMORIAL PROJECT



Family members, the project team and DoD representatives engaged in two days of idea sharing and problem solving.

An unprecedented design charrette between victim's families and Pentagon Memorial design team members resulted in substantive discussions about project priorities and constraints. The three-day "design charrette" was envisioned as a collaborative planning process to ensure that everyone involved shared an understanding of the project and the roles and contributions of the various participants.

Hosted by the selected contractor team, Centex-Lee, the charrette was attended by about 64 participants, including family members, representatives from the Washington

Headquarter Services (WHS), employees of the Pentagon Renovation and Construction Program Office (PENREN/C) and Defense Facilities Division (DFD).

The charrette's first day featured short presentations from concept designers Julie Beckman and Keith Kaseman, Centex-Lee and the victim's families. Each stakeholder explained their roles and perspectives on the project, giving those attending greater insight into the memorial design concept. Jim Laychak, president of the Pentagon Memorial Fund, Inc., and a surviving family member, outlined the progress of the fund-raising effort.

The second day's discussions focused on the major design elements of the memorial such as the individual memorial units, perimeter benches, stabilized gravel, the project's age-lines and trees. Also discussed were the requirements for lighting the pool system, related utility piping and drainage.

"I was impressed by the talent of the group, and especially with their constructive approach to everything," Laychak said. "Whether the discussion was about concerns raised by family members the first day, or a design detail analyzed in the last two days, everyone responded by devising solutions. There was a lot of enthusiasm and energy, which was great to experience."

A LIVELY EXCHANGE OF IDEAS ABOUT THE MEMORIAL

Brainstorming sessions produced ideas relating to project issues and concerns. The charrette discussed issues such as:

*Proximity and connectivity to
Arlington National Cemetery and the
US Air Force Memorial*

Maintenance of the Memorial

Site Accessibility

For more information on the Pentagon Memorial Project, visit
<http://memorial.pentagon.mil>



PENTAGON RENOVATION PROJECT WATCH

A Monthly Update on PENREN/C Projects.

Visit the PENREN/C web site for more detailed project information - <http://renovation.pentagon.mil>

Wedges 2-5 Renovation

Wedges 2-5 encompass 4.5 million square feet of Pentagon space to be renovated by 2010.

Vehicle ramps were removed in the A-Ring to create more floor space. Workers are installing circular landmarks throughout the corridors to indicate Ring entrances. The finishing treatment is being put on the walls in the lightwell which are in their final stage of renovation. Escalators for Wedge 2 have just been obtained and are being installed.



Circular landmarks are used in the corridors to indicate Ring entrances. A tradesman is framing one in corridor 6



The walls in the light well receive a finishing treatment at the last stage of renovation



Specialized inspectors check completed work to confirm that it meets various building codes and renovation objectives



Electricians are bending pipe for wiring in the A-Ring



Escalators for Wedge 2 are brought into the building for installation



Vehicle ramps were removed in the A-Ring to create more floor space



PENREN/C NEWS BITS

PENREN/C Roads Projects Near Completion

The Roads, Grounds & Security Team is rapidly completing the Pentagon Secure Bypass project (PSB). Activity is conspicuously marked by significant progress on the new parking lots on the north side of the building. The overall completion date for the PSB is mid October 2004. The following are key PSB milestones and accomplishments:

- Most of the North Parking Secure Lot opened in late July;
- The East Parking Secure Lot, located just south of River Terrace is slated to open in early September.

Another roads project, the Boundary Channel Drive intersection, is now underway. When it's completed in mid-September, there will be improved traffic flow at the intersection of Boundary Channel Drive and the Highway 110 access road.



Top: The North Parking Secure Lot **Bottom:** Crews are hard at work constructing the pedestrian bridge over the newly re-routed Highway 110.



Q&A Corner

Answers to Questions Emailed to PENREN/C

- Q:** Is it possible to donate in the memory of a specific victim for the part of the memorial designated in his name?
- A:** There are numerous ways to donate to the memorial fund. To find the way that suits your purposes, visit the Pentagon Memorial Web Site: www.pentagonmemorial.net. For information on construction progress, go to <http://memorial.pentagon.mil>
- Q:** Will the Pentagon Memorial have public parking?
- A:** Currently, there are no plans for a public parking lot for the memorial. However, there are numerous options being considered to make the memorial accessible to motorists. As these plans become finalized, we will put the updates on our project web site: <http://memorial.pentagon.mil>

WE WANT YOUR FEEDBACK!

Email your questions or comments about the

Pentagon Renovation & Construction Program Office to:

renovation@army.pentagon.mil

or call:

703-693-8933

Visit our web site:

<http://renovation.pentagon.mil>



PENREN/C COMPLETES INTAKE/OUTFALL PROJECT

ANOTHER PROJECT FINISHED ON SCHEDULE!



PENREN/C Director Mike Sullivan (left), along with Intake/Outfall team members, representatives from Modern Continental-Jacobs, and Bradley Provancha, Acting Deputy Director, DFD (fourth from left), cut the ribbon at the Intake/Outfall grand opening.

process to replace the deteriorating water lines that supply chilled water to the Pentagon's HVAC system. The Intake/Outfall team faced numerous challenges over this period, such as the difficulties inherent to tunneling under local roadways and excessive amounts of rain. Still, in a manner that has come to typify PENREN/C projects, the team managed to complete the effort on schedule and with a significant cost savings.

"This is not one of the PENREN/C projects that draws a lot of attention," said Sullivan, "But the similarities the Intake/Outfall team shares with other PENREN/C projects are much more important than spotlight and notoriety - mainly overcoming challenges, finishing on schedule and being on or under budget."

"Finally enabling the HVAC to run at 100 percent capacity is truly a milestone moment in the history of the Pentagon's renovation," Sullivan said.

A gathering of PENREN/C team members, Pentagon officials and workers were on hand July 15 to celebrate the completion of the Heating & Refrigeration Plant (H&RP) Intake/Outfall project. The completion of the Intake/Outfall means that the Pentagon will be able to run its HVAC at 100 percent capacity for the first time since the construction of the H&RP. The grand opening, which was conducted at the project's intake structure, featured remarks from Bradley Provancha, Acting Deputy Director, Defense Facilities Directorate (DFD), PENREN/C Director Mike Sullivan and representatives from Modern Continental and Jacobs, the design-build team for the project.

The opening concluded a 21-month operation involving a unique tunneling



"SAFETY HAT"

Massimo Marino, of Modern Continental, wearing a special hardhat awarded to the Design-Build Team for logging **170,000 man hours with no lost time due to accidents** on the Intake/Outfall job site.

NEXT MONTH'S "RENOVATOR:"

**A look at the Pentagon
Library and Conference
Center Project**

ON COST, ON SCHEDULE, BUILT FOR THE NEXT 50 YEARS!

THE PENTAGON RENOVATION & CONSTRUCTION PROGRAM OFFICE

100 BOUNDARY CHANNEL DRIVE
ARLINGTON, VA 22202
703-693-8933

<http://renovation.pentagon.mil>

e-mail: renovation@army.pentagon.mil

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Director _____ **Michael Sullivan**
Principal Deputy Director/
Deputy Director for Renovation _____ **Ken Catlow**
Deputy Director for IT _____ **Sajeel Ahmed**